

B02 Metallized Polyester Film Capacitor

ROHS

FEATURES

- Metallized polyester film,epoxy resin coating.
- Large C-Volues in small dimensions
- Excellent self-healing propery and high reliability



RATING AND CHARACTERISTIC

Climatic category : 55 / 085 / 21

Rated temperature : + 85

Capacitance tolerances : ±5% ; ±10% ; ±20%

Rated voltage dc 100v, 250v, 400v, 630v

Capacitance range 0.01 to 6.8μf

Voltage : 1.4UR (1s)

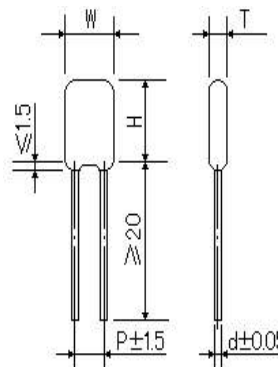
Insulation resistance : CR 0.33μF : 3750MΩ UR 100V

CR > 0.33μF : 1250MΩ·μF UR 100V

CR 0.33μF : 7500MΩ UR > 100V

CR > 0.33μF : 2500MΩ·μF UR > 100V

Dissipation : 0.01(1kHz)



| VDC/Mfd | 100V | | | | 250V | | | | 400V | | | | 630V | | | |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | L | T | H | P | L | T | H | P | L | T | H | P | L | T | H | P |
| 0.01 | 12 | 4 | 7 | 10 | 12 | 4 | 7 | 10 | 12 | 4.5 | 7.5 | 10 | 12 | 4 | 7 | 10 |
| 0.015 | 12 | 5 | 8 | 10 | 12 | 5 | 8 | 10 | 12 | 5 | 8 | 10 | 12 | 5 | 8 | 10 |
| 0.018 | 12 | 5 | 8 | 10 | 12 | 5 | 8 | 10 | 12 | 5 | 8 | 10 | 12 | 5 | 8 | 10 |
| 0.022 | 12 | 5 | 8 | 10 | 12 | 5.5 | 9 | 10 | 12 | 5.5 | 9 | 10 | 12 | 5.5 | 9 | 10 |
| 0.027 | 12.5 | 5 | 9 | 10 | 12.5 | 5.5 | 9 | 10 | 12.5 | 5.5 | 9 | 10 | 12.5 | 5.5 | 9 | 10 |
| 0.033 | 12.5 | 5 | 9 | 10 | 12.5 | 5.5 | 9 | 10 | 12 | 5.5 | 9.8 | 10 | 12.5 | 5.5 | 9 | 10 |
| 0.039 | 12.5 | 5 | 9 | 10 | 12.5 | 5.5 | 9 | 10 | 12.5 | 6 | 9 | 10 | 12.5 | 5.5 | 10 | 10 |
| 0.047 | 12.5 | 5 | 9 | 10 | 12.5 | 5.5 | 10 | 10 | 12.5 | 6 | 10 | 10 | 12.5 | 5.5 | 11 | 10 |
| 0.056 | 12.5 | 5 | 9 | 10 | 12.5 | 5.5 | 10 | 10 | 12.5 | 6 | 10 | 10 | 12.5 | 5.5 | 10 | 10 |
| 0.068 | 12.5 | 5 | 9 | 10 | 12.5 | 5.5 | 10 | 10 | 12.5 | 6.5 | 10 | 10 | 12.5 | 5.5 | 10 | 10 |
| 0.082 | 12.5 | 5 | 9 | 10 | 12.5 | 5.5 | 10 | 10 | 12.5 | 6.5 | 10 | 10 | 12.5 | 5.5 | 10 | 10 |
| 0.1 | 12.5 | 5 | 9.5 | 10 | 12.5 | 5.5 | 10 | 10 | 12.5 | 6.5 | 11 | 10 | 17.5 | 6 | 11 | 15 |
| 0.15 | 12.5 | 5 | 9.5 | 10 | 12.5 | 5.5 | 10 | 10 | 12.5 | 6.5 | 12 | 10 | 17.5 | 8 | 13 | 15 |
| 0.18 | 12.5 | 6 | 10 | 10 | 12.5 | 6 | 10.5 | 10 | 17 | 5 | 10 | 15 | 17.5 | 8 | 13 | 15.5 |
| 0.22 | 12.5 | 6 | 10 | 10 | 12.5 | 6 | 10.5 | 10 | 17 | 6 | 12.5 | 15 | 23 | 8.5 | 14.5 | 20.5 |
| 0.27 | 17 | 6 | 9 | 15 | 17 | 6 | 10.5 | 15 | 17 | 6.5 | 11.5 | 15 | 23 | 8.5 | 14.5 | 20.5 |
| 0.33 | 17.5 | 6 | 11 | 15 | 17 | 6 | 11 | 15 | 17.5 | 7 | 13.5 | 15 | 23 | 8.5 | 14.5 | 20.5 |
| 0.39 | 17.5 | 7 | 11 | 15 | 17.5 | 7 | 13 | 15.5 | 18 | 7 | 14 | 15 | 23 | 10.5 | 15 | 20.5 |
| 0.47 | 17.5 | 5 | 10.5 | 15 | 18 | 7 | 13.5 | 15 | 18 | 8 | 14 | 15 | 23 | 10.5 | 15 | 20.5 |
| 0.5 | 17.5 | 5 | 10.5 | 15 | 17 | 7 | 13.5 | 15 | 18 | 8 | 15 | 15 | 23 | 10.5 | 15.5 | 20 |
| 0.56 | 17.5 | 5 | 10.5 | 15 | 17 | 7 | 13.5 | 15 | 18 | 9 | 16 | 15 | 23 | 10.5 | 15.5 | 20.5 |
| 0.68 | 17 | 7 | 13.5 | 15 | 18 | 7 | 13.5 | 15 | 23 | 8 | 14 | 20.5 | 23 | 11 | 18 | 20.5 |
| 0.82 | 18 | 7.5 | 13.5 | 15 | 18 | 7 | 13.5 | 15 | 23.5 | 8.5 | 16 | 20.5 | 29.5 | 9 | 20 | 26.5 |
| 1 | 18 | 7.5 | 14 | 15 | 23 | 7 | 13.5 | 20 | 23.5 | 9 | 19 | 20.5 | 29.5 | 11 | 21 | 26.5 |
| 1.1 | 18 | 7.5 | 14.5 | 15 | 23 | 7.5 | 13.5 | 20 | 23.5 | 9.5 | 19.5 | 20.5 | 29.5 | 10 | 20.5 | 26.5 |
| 1.2 | 23 | 7.5 | 14.5 | 20 | 23 | 8 | 16 | 20 | 23.5 | 9.5 | 19.5 | 20.5 | 29.5 | 10.5 | 20.5 | 26.5 |
| 1.5 | 23 | 7.5 | 16 | 20 | 23 | 8 | 16.5 | 20.5 | 24 | 10 | 22 | 20.5 | 29.5 | 13 | 23 | 26.5 |
| 1.8 | 23 | 8.5 | 16.5 | 20 | 23 | 8.5 | 16.5 | 20.5 | 24 | 12 | 20.5 | 20.5 | 29.5 | 14 | 24.5 | 26.5 |
| 2.2 | 23 | 9.5 | 17 | 20 | 30 | 8.5 | 17.5 | 27 | 30 | 12.5 | 21 | 26 | 30 | 16 | 26 | 26.5 |
| 2.5 | 23.5 | 10 | 18.5 | 20 | 30 | 8.5 | 19 | 27 | 30 | 12.5 | 21 | 26 | 35 | 17 | 25 | 30 |
| 2.7 | 23.5 | 11 | 20.5 | 20 | 30 | 9 | 19 | 27.5 | 30 | 14 | 21 | 27 | 35 | 17 | 27 | 31.5 |
| 3.3 | 23.5 | 11 | 20.5 | 20 | 30 | 9.5 | 20.5 | 27.5 | 30 | 12.5 | 27 | 27 | 35 | 19 | 33 | 31.5 |
| 4.5 | 30.5 | 12.5 | 23.5 | 27.5 | 30 | 11.5 | 23 | 27.5 | 30.5 | 15.5 | 26.5 | 27.5 | 35 | 22.5 | 33 | 31.5 |
| 4.7 | 30.5 | 12.5 | 23.5 | 27.5 | 30.5 | 13 | 24 | 27.5 | 34 | 16 | 24.5 | 31 | 45 | 17.5 | 27.5 | 41 |
| 5.2 | 34 | 12.5 | 24 | 31.5 | 30.5 | 13 | 24 | 27.5 | 34.5 | 17.5 | 25 | 31 | 45 | 20.5 | 29.5 | 41 |
| 5.6 | 29.5 | 14 | 26.5 | 27.5 | 31 | 13 | 24 | 27.5 | 35 | 20 | 28 | 31 | 45 | 22 | 32 | 41 |
| 6.8 | 29.5 | 14 | 26.5 | 27.5 | 30.5 | 16 | 26.5 | 27.5 | 35 | 20 | 28 | 31 | 45 | 22 | 32 | 41 |

* The spec is subject to change without notice. Please contact us if any further queries.